



SOLUBLE CUTTING OIL



DESCRIPTION

This soluble cutting oil is a long-life, bio stable, chlorine-free high-performance metal working fluid. When mixed with water the emulsion formed has a milky appearance. It is formulated with high levels of lubricity additives to provide excellent performance in arduous machining operations.

PRODUCT FEATURES & BENEFITS

This is a high-performance, chlorine-free product suitable for machining a wide range of metals. It provides the flexibility for product rationalization and is particularly suitable for machining aluminum alloys used in the automotive industry. It is formulated to provide long service life and to resist bacterial growth to help reduce smells associated with bacterial degradation. Outstanding machining performance on aluminum, non-ferrous metals and ferrous metals, including stainless steels. Wide multi-metal machining range. Stable in a wide range of diluent water qualities. Oil content protects machined components, machine fittings and fixtures. Highly resistant to bacterial degradation

APPLICATIONS

This oil is recommended for machining aluminum, steels and yellow metals. It can be used in individual machine sumps and in centralized coolant systems. Recommended dilutions for Turning, Drilling, Sawing, Milling, Reaming, Deep Hole Boring: 5-10%

TYPICAL TECHNICAL PROPERTIES

Appearance	Amber Liquid
Specific Gravity @ 20°C	0.95
Emulsion Type	Milky
pH @ 3% Emulsion	9.1
Corrosion test (IP 287) Breakpoint %	3.0
Refractometer Correction Factor	1.0

Note: These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

